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012804

Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Presented for filing is a continuation-in-part utility patent application of:

Applicants: **Steve A. Yon and Michael Magers**  
Title: **SYSTEM AND METHOD FOR INDUCING  
HYPOTHERMIA WITH ACTIVE PATIENT  
TEMPERATURE CONTROL EMPLOYING CATHETER-  
MOUNTED TEMPERATURE SENSOR AND  
TEMPERATURE PROJECTION ALGORITHM**  
Docket No.: **135001**

Enclosed are the following papers, including all those required for a filing date under 37 CFR §1.53(b):

Pages of Specification	101
Pages of Claims	10
Pages of Abstract	1
Pages of Declaration	4
(Signed)	
Sheets of Drawing	33
PTO Form-2038 Credit Card Payment Forms	2

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I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. **EV054747989US** in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

January 28, 2004

(Date of Deposit)

Brenda L. Godfrey

(Name of the Person Making the Deposit)

January 28, 2004

(Date of Signature)

**Priority Claim:**

This application is a continuation-in-part of the following U.S. Application Serial Nos.: U.S. Provisional Application Serial No. 60/449,809, entitled “METHOD OF MAKING HEAT TRANSFER ELEMENTS”, filed on 2/24/03; U.S. Provisional Application Serial No. 60/449,803, entitled “EMBEDDED TEMPERATURE SENSOR”, filed on 2/24/03; U.S. Provisional Application Serial No. 60/456,137, entitled “FLUX DRIFT AS SPATIAL INTEGRATOR FOR TEMPERATURE SENSING”, filed 3/20/03; U.S. Provisional Application Serial No. 60/504,145, entitled “TEMPERATURE MONITOR FOR INTRAVASCULAR HEAT TRANSFER ELEMENT”, filed 9/17/03; U.S. Application Serial No. 10/158,406, entitled “SELECTIVE ORGAN HYPOTHERMIA METHOD AND APPARATUS”, filed on 5/29/02; U.S. Application Serial No. 09/785,243, entitled “CIRCULATING FLUID HYPOTHERMIA METHOD AND APPARATUS,” filed on 2/16/01; U.S. Application Serial No. 09/834,068, entitled “METHOD OF MAKING SELECTIVE ORGAN COOLING CATHETER,” filed on 4/12/01; U.S. Application Serial No. 10/714,070, entitled “INFLATABLE CATHETER FOR SELECTIVE ORGAN HEATING AND COOLING AND METHOD OF USING THE SAME,” filed on 11/14/03; U.S. Application Serial No. 10/322,337, entitled “ISOLATED SELECTIVE ORGAN COOLING METHOD AND APPARATUS,” filed on 12/16/02; U.S. Application Serial No. 09/379,295, entitled “METHOD OF MANUFACTURING A HEAT TRANSFER ELEMENT FOR IN VIVO COOLING,” filed on 8/23/99; U.S. Application Serial No. 10/716,801, entitled “INFLATABLE HEAT TRANSFER APPARATUS,” filed on 11/18/03; U.S. Application Serial No. 10/210,819, entitled “METHOD AND DEVICE FOR APPLICATIONS OF SELECTIVE ORGAN COOLING,” filed on 7/31/02; U.S. Application Serial No. 09/908,642, entitled “SELECTIVE ORGAN COOLING CATHETER WITH GUIDEWIRE APPARATUS AND TEMPERATURE-MONITORING DEVICE,” filed on 7/18/01; U.S. Application Serial No. 10/161,107, entitled “SELECTIVE ORGAN COOLING APPARATUS AND METHOD,” filed on 5/30/02; U.S. Application Serial No. 10/729,526, entitled “METHOD FOR DETERMINING THE EFFECTIVE THERMAL MASS OF A BODY OR ORGAN USING A COOLING CATHETER,” filed on 12/5/03; U.S. Application Serial No. 10/008,999, entitled “MEDICAL PROCEDURE,” filed on 12/7/01; U.S. Application Serial No. 09/373,112, entitled “PATIENT TEMPERATURE REGULATION METHOD AND APPARATUS,” filed on 8/11/99; U.S. Application Serial No. 10/007,545, entitled “CIRCULATION SET FOR TEMPERATURE-CONTROLLED CATHETER AND METHOD OF USING THE SAME,” filed on 11/6/01; U.S. Application Serial No. 10/411,001, entitled “FEVER REGULATION METHOD AND APPARATUS,” filed on 4/9/03; U.S. Application Serial No. 10/117,733, entitled “METHOD OF MANUFACTURING A HEAT TRANSFER ELEMENT FOR IN VIVO COOLING,” filed on 4/4/02; and U.S. Application Serial No. 10/219,874, entitled “SYSTEM AND METHOD FOR PATIENT TEMPERATURE CONTROL EMPLOYING TEMPERATURE PROJECTION ALGORITHM”, filed 8/14/02; all of the above are incorporated by reference herein in their entirety.

**Entity Status:**

Applicants qualify for Small Entity Status under the guidelines set forth by the United States Patent and Trademark Office.

**Assignment**

An assignment is attached herewith assigning all interest in this patent to Innercool Therapies, Inc.

**Filing Fee:**

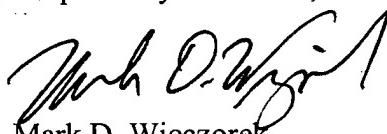
Basic filing fee	\$ 385.00
Total claims in excess of 20 times \$9.00 (43)	\$ 387.00
Independent claims in excess of 3 times \$43.00 (1)	43.00
Multiple dependent claims	0.00
Total filing fee:	\$ 815.00

Enclosed please find a Credit Card Payment Form in the amount of \$815.00 for the payment of the application fee. If additional fees are due in connection with this filing, please charge Deposit Account No. 50-0914.

If this application is found to be INCOMPLETE, or if it appears that a telephone conference would helpfully advance prosecution, please telephone the undersigned at 858/677-6390 x119.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Respectfully submitted,



Mark D. Wieczorek  
Reg. No. 37,966

Enclosures